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West Midlands B74 4NR (GB). ELLIOTT, Thomas, Stuart, Jackson [GB/GB]; 57 Roman Lane, Little Aston Park, Sutton Coldfield, Birmingham B74 3AE (GB).

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- (74) Agent: KEITH W NASH & CO.; 90-92 Regent Street, Cambridge CB2 1DP (GB).

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(71) Applicant (for all designated States except US): OXOID LIMITED [GB/GB]; Kingsland Business Park, Wade Road, Basingstoke, Hampshire RG24 8PW (GB).

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(81) Designated State (national): US.

(72) Inventors; and

(75) Inventors/Applicants (for US only): LAMBERT, Peter, Anthony [GB/GB]; 125 Walsall Road, Sutton Coldfield,

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(54) Title: ANTIBACTERIALS DIASCCHARIDE DERIVATIVES

$$H = \begin{bmatrix} -0 - CH_2 \\ X & -1 \\ CH_2 - 0 - P - -1 \\ 0 & -1 \end{bmatrix}$$
 $CH_2 = 0$
 $CH_2 =$

(57) Abstract: Disclosed is an isolated compound having the structure shown in Figure 2, wherein n is an integer between 3 and 10 (inclusive) and X may be H, OH, alkyl, aryl, amyl, or an amino acid residue (optionally substituted) or a sugar residue (optionally substituted), and wherein R and R¹ are hydrophobic hydrocarbon or fatty acid chains (R may be the same as R¹ or different), a method of preparing compositions comprising the compound, and a diagnostic method comprising use of the composition.